Contents

Agassi, M., Shainberg, I., Morin, J.: Effect of Powdered Phosphogypsum on the Infiltration Rate of Sodic Soils . . . 53
Bajwa, M. S., Josan, A. S., Hira, G. S., Singh, N. T.: Effect of Sustained Saline Irrigation on Soil Salinity and Crop Yields . . . 27
Barrs, H. D., see Smith, R. C. G., et al. . . . 225
Berliner, P. R., see Wright, A. D. . . . 245
Bondurant, J. A., see Smith, J. H., et al. . . . 205
Campbell, W. F., Wagenet, R. J., Rodriguez, R. R.: Salinity, Water Management and Fertility Interactions on Yield and Nitrogen Fixation in Snap-Beans . . . 195
Cochrane, J. F., see Smith, J. H., et al. . . . 205
Fisher, M. J., see West, D. W., et al. . . . 183
Gobran, G., see Miyamoto, S., et al. . . . 83
Gupta, P. L., Sastry, P. S. N.: Estimating Evapotranspiration from Midday Canopy Temperature . . . 237
Gyles, O. A., see Whitfield, D. M., et al. . . . 37
Gyles, O. A., see Whitfield, D. M., et al. . . . 169
Gyles, O. A., see Wright, G. C., et al. . . . 73
Halevy, J., Kramer, O.: Nitrogen Fertilizer Management of Cotton Grown Under Drip Irrigation in a Grumusol . . . 63
Hira, G. S., see Bajwa, M. S., et al. . . . 27
Hoffman, G. J., Prichard, T. L., Maas, E. V., Meyer, J. L.: Irrigation Water Quality Options for Corn on Saline, Organic Soils . . . 265
Hoffman, G. J., see Maas, E. V., et al. . . . 1
Hoffman, G. J., see West, D. W., et al. . . . 183
Hsiao, Th. C., see Shalhevet, J. . . . 249
Josan, A. S., see Bajwa, M. S., et al. . . . 27
Kramer, O., see Halevy, J. . . . 63
Lyle, C. W., Mehanni, A. H., Repsys, A. P.: Leaching Rates Under a Perennial Pasture Irrigated with Saline Water . . . 277
Maas, E. V., Poss, J. A., Hoffman, G. J.: Salinity Sensitivity of Sorghum at Three Growth Stages . . . 1
Maas, E. V., see Prichard, T. L., et al. . . . 265
Mehanni, A. H., see Lyle, C. W., et al. . . . 277
Meiri, A., see Vinten, A., et al. . . . 13
Meyer, J. L., see Hoffman, G. J., et al. . . . 265
Minhas, P. S., Sharma, D. R.: Hydraulic Conductivity and Clay Dispersion as Affected by Application Sequence of Saline and Simulated Rain Water . . . 159
Miyamoto, S., Piela, K., Petticrew, J.: Seedling Mortality of Several Crops Induced by Root, Stem or Leaf Exposure to Salts . . . 97
Miyamoto, S., Riley, T., Gobran, G., Petticrew, J.: Effects of Saline Water Irrigation on Soil Salinity, Pecan Tree Growth and Nut Production . . . 83
Morin, J., see Agassi, M., et al. . . . 53
Peretz, J., see Vinten, A., et al. . . . 13
Petticrew, J., see Miyamoto, S., et al. . . . 83
Petticrew, J., see Miyamoto, S., et al. . . . 97
Piela, K., see Miyamoto, S., et al. . . . 97
Poss, J. A., see Maas, E. V., et al. . . . 1
Prasad, S. N., see Ram, R. S., et al. . . . 113
Prichard, T. L., see Hoffman, G. J., et al. . . . 265
Ram, R. S., Singh, V. P., Prasad, S. N.: A Quasi-Steady State Integral Model for Border Irrigation . . . 113
Repsys, A. P., see Lyle, C. W., et al. . . . 277
Riley, T., see Miyamoto, S., et al. . . . 83

Contents

Agassi, M., Shainberg, I., Morin, J.: Effect of Powdered Phosphogypsum on the Infiltration Rate of Sodic Soils . . . 53
Bajwa, M. S., Josan, A. S., Hira, G. S., Singh, N. T.: Effect of Sustained Saline Irrigation on Soil Salinity and Crop Yields . . . 27
Barrs, H. D., see Smith, R. C. G., et al. . . . 225
Berliner, P. R., see Wright, A. D. . . . 245
Bondurant, J. A., see Smith, J. H., et al. . . . 205
Campbell, W. F., Wagenet, R. J., Rodriguez, R. R.: Salinity, Water Management and Fertility Interactions on Yield and Nitrogen Fixation in Snap-Beans . . . 195
Cochrane, J. F., see Smith, J. H., et al. . . . 205
Fisher, M. J., see West, D. W., et al. . . . 183
Gobran, G., see Miyamoto, S., et al. . . . 83
Gupta, P. L., Sastry, P. S. N.: Estimating Evapotranspiration from Midday Canopy Temperature . . . 237
Gyles, O. A., see Whitfield, D. M., et al. . . . 37
Gyles, O. A., see Whitfield, D. M., et al. . . . 169
Gyles, O. A., see Wright, G. C., et al. . . . 73
Halevy, J., Kramer, O.: Nitrogen Fertilizer Management of Cotton Grown Under Drip Irrigation in a Grumusol . . . 63
Hira, G. S., see Bajwa, M. S., et al. . . . 27
Hoffman, G. J., Prichard, T. L., Maas, E. V., Meyer, J. L.: Irrigation Water Quality Options for Corn on Saline, Organic Soils . . . 265
Hoffman, G. J., see Maas, E. V., et al. . . . 1
Hoffman, G. J., see West, D. W., et al. . . . 183
Hsiao, Th. C., see Shalhevet, J. . . . 249
Josan, A. S., see Bajwa, M. S., et al. . . . 27
Kramer, O., see Halevy, J. . . . 63
Lyle, C. W., Mehanni, A. H., Repsys, A. P.: Leaching Rates Under a Perennial Pasture Irrigated with Saline Water . . . 277
Maas, E. V., Poss, J. A., Hoffman, G. J.: Salinity Sensitivity of Sorghum at Three Growth Stages . . . 1
Maas, E. V., see Prichard, T. L., et al. . . . 265
Mehanni, A. H., see Lyle, C. W., et al. . . . 277
Meiri, A., see Vinten, A., et al. . . . 13
Meyer, J. L., see Hoffman, G. J., et al. . . . 265
Minhas, P. S., Sharma, D. R.: Hydraulic Conductivity and Clay Dispersion as Affected by Application Sequence of Saline and Simulated Rain Water . . . 159
Miyamoto, S., Piela, K., Petticrew, J.: Seedling Mortality of Several Crops Induced by Root, Stem or Leaf Exposure to Salts . . . 97
Miyamoto, S., Riley, T., Gobran, G., Petticrew, J.: Effects of Saline Water Irrigation on Soil Salinity, Pecan Tree Growth and Nut Production . . . 83
Morin, J., see Agassi, M., et al. . . . 53
Peretz, J., see Vinten, A., et al. . . . 13
Petticrew, J., see Miyamoto, S., et al. . . . 83
Petticrew, J., see Miyamoto, S., et al. . . . 97
Piela, K., see Miyamoto, S., et al. . . . 97
Poss, J. A., see Maas, E. V., et al. . . . 1
Prasad, S. N., see Ram, R. S., et al. . . . 113
Prichard, T. L., see Hoffman, G. J., et al. . . . 265
Ram, R. S., Singh, V. P., Prasad, S. N.: A Quasi-Steady State Integral Model for Border Irrigation . . . 113
Repsys, A. P., see Lyle, C. W., et al. . . . 277
Riley, T., see Miyamoto, S., et al. . . . 83

Robbins, C. W.: Fluoride Adsorption by a Saline Sodic Soil Irrigated with a High *F* Water 107
Rodriguez, R. R., see Campbell, W. F., et al. 195
Sastry, P. S. N., see Gupta, P. L. 237
Shainberg, I., see Agassi, M., et al. 53
Shalhevet, J., Hsiao, Th. C.: Salinity and Drought. A Comparison of Their Effects on Osmotic Adjustment, Assimilation, Transpiration and Growth 249
Shalhevet, J., see Vinten, A., et al. 13
Sharma, D. R., see Minhas, P. S. 159
Singh, N. T., see Bajwa, M. S., et al. 27
Singh, V. P., see Ram, R. S., et al. 113
Sivakumar, M. V. K.: Canopy-Air Temperature Differentials, Water Use and Yield of Chickpea in a Semi-Arid Environment 149
Smith, J. H., Bondurant, J. A., Wolleson, W. A., Cochrane, J. F.: Nutrients in Wastewater from a Phosphate Fertilizer Manufacturing Plant Stored for Irrigation 205
Smith, R. C. G., Barrs, H. D., Steiner, J. L.: Alternative Models for Predicting the Foliage–Air Temperature Difference of Well Irrigated Wheat Under Variable Meteorological Conditions. I. Derivation of Parameters. II. Accuracy of Predictions 225
Steiner, J. L., see Smith, R. C. G., et al. 225
Stibbe, E.: A Comparison Between the Gross Energy Requirements of Different Irrigation Systems in Israel 213
Taylor, A. J., see Whitfield, D. M., et al. 37
Taylor, A. J., see Whitfield, D. M., et al. 169
Taylor, A. J., see Wright, G. C., et al. 73
Vinten, A., Shalhevet, J., Meiri, A., Peretz, J.: Water and Leaching Requirements of Industrial Tomatoes Irrigated with Brackish Water 13
Wagenet, R. J., see Campbell, W. F., et al. 195
West, D. W., Hoffman, G. J., Fisher, M. J.: Photosynthesis, Leaf Conductance, and Water Relations of Cowpea Under Saline Conditions 183
Whitfield, D. M., Wright, G. C., Gyles, O. A., Taylor, A. J.: Growth of Lucerne (*Medicago sativa,* L.) in Response to Frequency of Irrigation and Gypsum Application on a Heavy Clay Soil 37
Whitfield, D. M., Wright, G. C., Gyles, O. A. Taylor, A. J.: Effects of Stage of Growth, Irrigation Frequency and Gypsum Treatment on CO_2 Exchange of Lucerne (*Medicago sativa* L.) Grown on a Heavy Clay Soil 169
Whitfield, D. M., see Wright, G. C., et al. 73
Wolleson, W. A., see Smith, J. H., et al. 205
Wright, A. D., Berliner, P. R.: The Use of Soybean Leaflet Angle Data for Irrigation Scheduling 245
Wright, G. C., Whitfield, D. M., Gyles, O. A., Taylor, A. J.: Effects of Frequency of Irrigation and Gypsum Treatment on Leaf Water Potential and Leaf Stomatal Conductance of Lucerne (*Medicago sativa* L.) Grown on a Heavy Clay Soil . 73
Wright, G. C., see Whitfield, D. M., et al. 37
Wright, G. C., see Whitfield, D. M., et al. 169

Indexed in *Current Contents*